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anti-BMP5 antibody (AA 317-360)



Publication



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Quantity:	100 μL
Target:	BMP5
Binding Specificity:	AA 317-360
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMP5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BMP5	
Isotype:	IgG	
Cross-Reactivity:	Human	
Predicted Reactivity:	Mouse,Rat,Sheep,Pig,Horse,Chicken,Rabbit	
Purification:	Purified by Protein A.	

Target Details

Target: BMP5

Target Details

Alternative Name:	BMP5 (BMP5 Products)	
Background:	Synonyms: Bone morphogenetic protein 5, BMP-5, BMP5	
	Background: This gene encodes a member of the bone morphogenetic protein family which is	
	part of the transforming growth factor-beta superfamily. The superfamily includes large	
	families of growth and differentiation factors. Bone morphogenetic proteins were originally	
	identified by an ability of demineralized bone extract to induce endochondral osteogenesis in	
	vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and	
	then processed into dimeric proteins. This protein may act as an important signaling molecule	
	within the trabecular meshwork and optic nerve head, and may play a potential role in	
	glaucoma pathogenesis. This gene is differentially regulated during the formation of various	
	tumors. [provided by RefSeq, Jul 2008].	
Gene ID:	653	
UniProt:	P22003	
Pathways:	Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	

Handling

Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	
Publications		
Product cited in:	Wu, Chen, Mi, Chen, Wang, Gao: "Expression analysis of BMP2, BMP5, BMP10 in human colon	
	tissues from Hirschsprung disease patients." in: International journal of clinical and	
	experimental pathology, Vol. 7, Issue 2, pp. 529-36, (2014) (PubMed).	